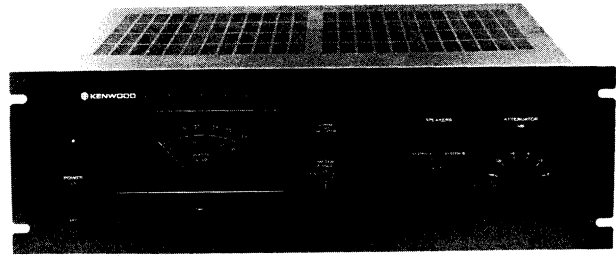


L-09M



Model L-09M (Single Channel Power Amplifier)

Specifications described here are based on the measured values at the tip of the Special Speaker Cable provided, at its connection to Model L-09M.

PERFORMANCE

Power Output

*** 300 watts minimum power, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.**

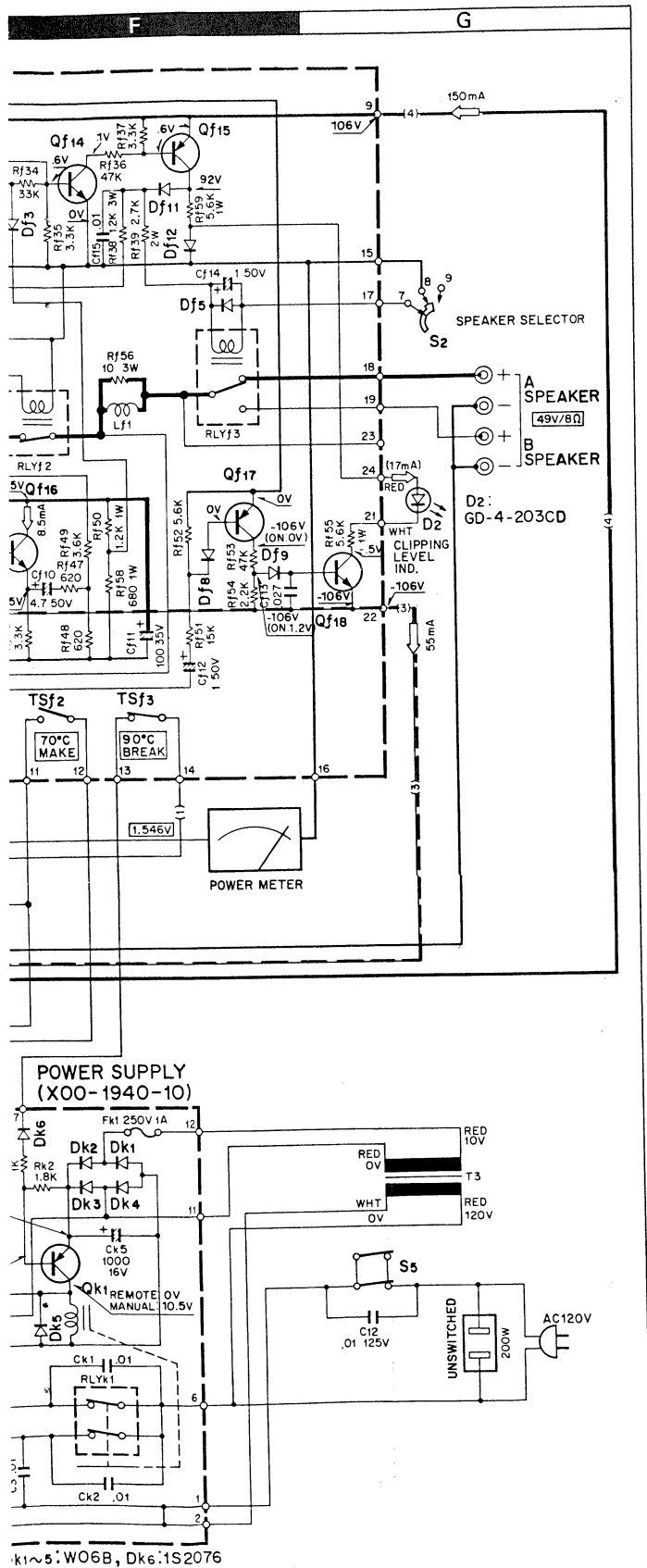
Continuous Power	300 watts 8 ohms at 1,000 Hz
	400 watts 4 ohms at 1,000 Hz
Dynamic Power Output	1,000 watts 4 ohms at 1,000 Hz
Total Harmonic Distortion (T.H.D.)	0.02% at rated power output into 8 ohms
	20 Hz ~ 20 kHz
	0.01% at 30 watts into 8 ohms 20 Hz ~ 20 kHz
	0.003% at rated power into 8 ohms 1 kHz
	0.003% at 30 watts into 8 ohms 1 kHz
	0.02% at rated power into 4 ohms 1 kHz
Intermodulation Distortion (60 Hz : 7 kHz = 4 : 1)	0.007% at rated power into 8 ohms
	0.003% at 30 watts into 8 ohms
	0.02% at rated power into 4 ohms
Frequency Response	DC ~ 50,000 Hz +0, -1.0 dB
	DC ~ 100,000 Hz +0, -2.0 dB
Signal to Noise Ratio (IHF - A Curve)	120 dB (short-circuited)
Residual Noise (IHF - A Curve)	50 μ V
Damping Factor	200 into 8 ohms load
	250 into 8 ohms load without Speaker Cable
Input Sensitivity/Impedance	1 V/50 k ohms
Speaker Impedance	Accept 4 ohms to 16 ohms
Speaker Cable Loss	0.01 ohms

GENERAL

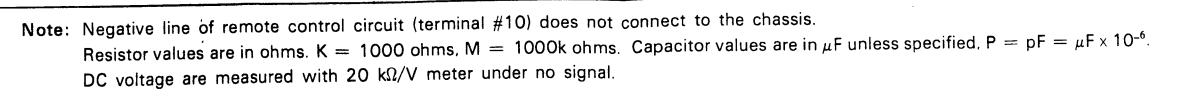
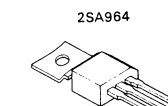
Power Consumption	1,190 watts at full power
	60 watts at non-signal
AC Outlet	1 UNSWITCHED (Maximum 200 watts)
Dimensions	W 18-29/32" (480 mm)
	H 6-16/32" (154 mm)
	D 16-1/8" (409.5 mm)
Weight (Net)	47.2 lbs. (21.4 kg)
(Gross)	49.81 lbs. (22.6 kg)

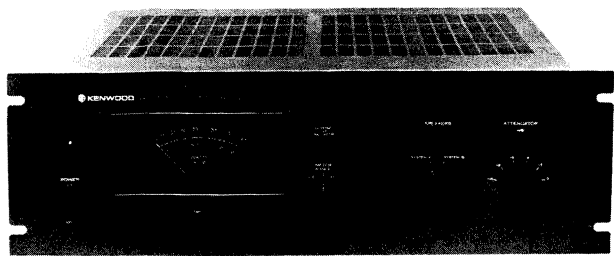
* Measured pursuant to Federal Trade Commission's Trade Regulation rule in U.S.A. on Power Output Claims for Amplifier.

Note: Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.



#10) does not connect to the chassis.
= 1000k ohms. Capacitor values are in μ F unless specified, P = pF = μ F $\times 10^{-6}$.
nder no signal.





Model L-09M (Single Channel Power Amplifier)

Specifications described here are based on the measured values at the tip of the Special Speaker Cable provided, at its connection to Model L-09M.

PERFORMANCE

Power Output

300 watts* minimum power, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.

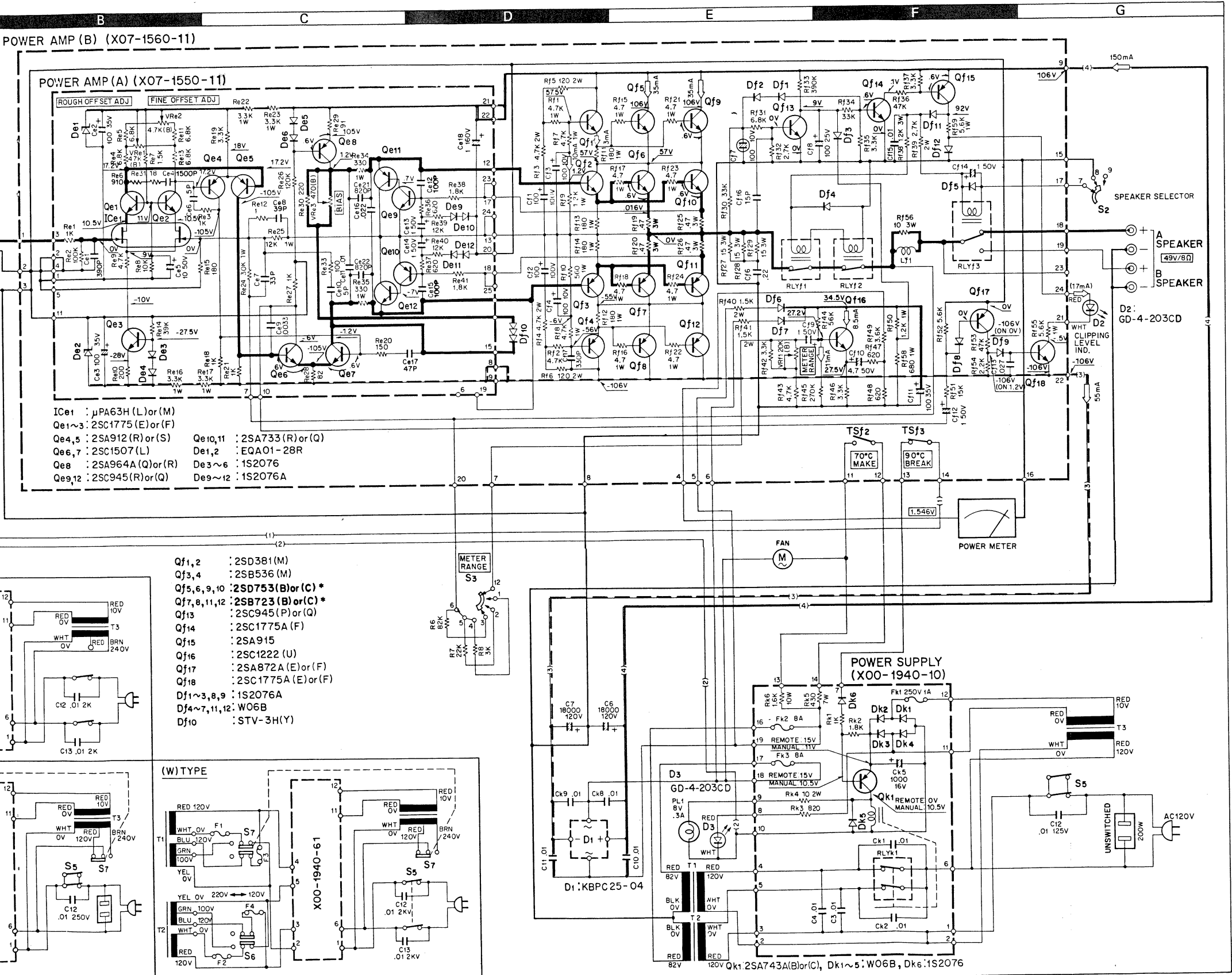
Continuous Power	300 watts 8 ohms at 1,000 Hz
	400 watts 4 ohms at 1,000 Hz
Dynamic Power Output	1,000 watts 4 ohms at 1,000 Hz
Total Harmonic Distortion (T.H.D.)	0.02% at rated power output into 8 ohms
	20 Hz ~ 20 kHz
	0.01% at 30 watts into 8 ohms 20 Hz ~ 20 kHz
	0.003% at rated power into 8 ohms 1 kHz
	0.003% at 30 watts into 8 ohms 1 kHz
	0.02% at rated power into 4 ohms 1 kHz
Intermodulation Distortion (60 Hz : 7 kHz = 4 : 1)	0.007% at rated power into 8 ohms
	0.003% at 30 watts into 8 ohms
	0.02% at rated power into 4 ohms
Frequency Response	DC ~ 50,000 Hz +0, -1.0 dB
	DC ~ 100,000 Hz +0, -2.0 dB
Signal to Noise Ratio (IHF - A Curve)	120 dB (short circuited)
Residual Noise (IHF - A Curve)	50 μ V
Damping Factor	200 into 8 ohms load
	250 into 8 ohms load without Speaker Cable
Input Sensitivity/Impedance	1 V/50 k ohms
Speaker Impedance	Accept 4 ohms to 16 ohms
Speaker Cable Loss	0.01 ohms

GENERAL

Power Consumption	1,190 watts at full power
	60 watts at non-signal
AC Outlet	1 UNSWITCHED (Maximum 200 watts)
Dimensions	W 18-29/32" (480 mm)
	H 6-16/32" (154 mm)
	D 16-1/8" (409.5 mm)
Weight (Net)	47.2 lbs. (21.4 kg)
(Gross)	49.81 lbs. (22.6 kg)

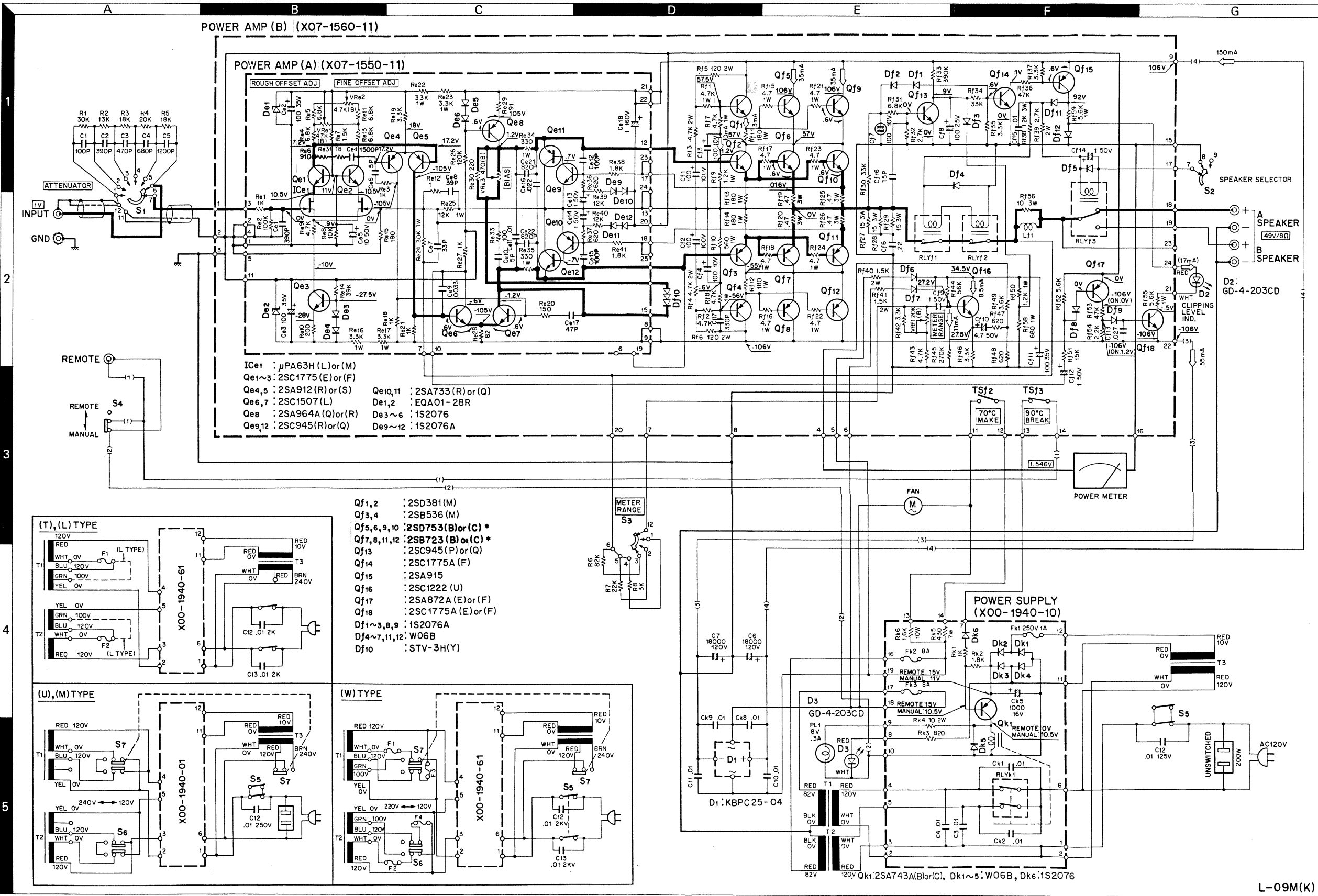
* Measured pursuant to Federal Trade Commission's Trade Regulation rule in U.S.A. on Power Output Claims for Amplifier.

Note: Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.



Note: Negative line of remote control circuit (terminal #10) does not connect to the chassis.
Resistor values are in ohms. K = 1000 ohms, M = 1000k ohms. Capacitor values are in μ F unless specified, P = pF = μ F x 10^{-6} .
DC voltage are measured with 20 k Ω /V meter under no signal.

NOTE: L-09M for USA (K type) have done circuit modification from Serial No. 740005.
Modification points are marked on the schematic diagram with black screen.



* When using 2SD753(B) as Qf5, 6, 9, 10, 2SB723(B) should be employed as Qf7, 8, 11, 12, also when using 2SD753(C) as Qf5, 6, 9, 10, 2SB723(C) should be done as Qf7, 8, 11, 12.

NOTE: We reserve the right to make modifications in this model in accordance with technical developments.